FEB 2 8 2003

	,						•		FEB 2	× 500	13		n- ae	1 of	8
• -										1	~ • JULIU				
									C. DOCKET NO.	041.	PPLICAT 0/072,	1100			$\dashv$
_								ATTY	0.0210001		0/0-				
2 Eme	3								LICANT	•	·				
_	્યા		PTO-1	449			,	Sha	nks et al.		GROUP				
9 E 2012	3 🖺	FOKU		ne sti	TEME	NT		1	THE DATE		2637				
EB 2 6 2000 INFO	RNATI	ON D	SCLOS	URE STA				1 Feb	oruary 12.		<del></del>				
	3						π.S. 1	PATE	NT DOCUMENTS	T	1	SUB-	P:	LLING D	ATE
KIENT TEL	<u> </u>									Cr	ASS	CLAS	<u>s</u>		
		T			DA	TE		NAM	E	-		<u> </u>			
MINER	1	\r_ !	OCUME NUMBER	NT	۱			Tur	ner	-		<u> </u>	<del></del>		
TIAL			3,520,			7/19		Kar	olan et al.	-		1		$-\not$	
LY_	- AA	-	3,689	. 885		9/19		Bri	ophy et al.	-		1_	<del>}</del>	/	
	AE		4,071	,908		1/19	78	100	mon et al.	-+		ــــــــــــــــــــــــــــــــــــــ	———		
	A		4,225			09/1			rietzel	-+		4-	_/		
7		D1		8,411		11/1		15	arrett, Jr.			4		<u> </u>	
1		E1		1,345		09/1		1	iller, III					-	
7		AF1		5,496			1985		Boetzkes			4		+	
		AG1		33,871			1985	+:	Ross et al.		1			+	
		AH1	14,3	98,275			1986	-+;	Caswell et al.		1				
		AI1		36,950			1987	$\neg  op$	Anders et al.		1./				
17		AJ1		56,463		04	/1987		PATENT DOCUMENTS		T			TRAN	NSLATION
1/		AK1	14,6	1301			POR	BIGN	PRI		CLASS	,	SUB- CLASS		
						٦			COUNTRY					1	No
EXAMINE	R	1	DO	CUMENT		D.F	ATE				G015		13/74		Yes
INITIAL	,	1_	NU	IMBER		+			Europe		-		9/00_	\	No
<b> </b>		1	V	P 0 467	036	10	1/1992				G070	<u></u>	9700	7	Yes No
	<u>Y</u>	AL				- 1	07/1992		Europe		H04	۲.	1/16	}-	Yes
	1	NA		P 0 494	4 114	-+	01745		- mone		-\frac{no3}{}		Τ		No
\		十		EP 0 49	s 98	6	08/1992		Europe		G06	K	17/0	<u>-</u>	Yes
1	Ì	Al		,		١.		ı	Europe			- 0	13/7	8	No
-		¯ \.	01	EP 0 57	78 45	27	01/1994				G0	15			
L	↓	<del>+</del> "	<u> </u>	7	ar 1'	32	03/199	4	Europe Perti	nent	Pages,	etc.			
١,	$\sqrt{k}$	12	Pl P	EP 0 5	85 1	TNC	uding 3	utho	Europe or, Title, Date, Perti						Microsoft
	11/			OTE	IER (	1				1 02	Intel	Cor	poratio	n and	
·		T	_ \	1				. Cr	pecification - Version 1994, pages 1-65.	1 1.00	•				
		- 1	- 1	\ \F	elug	and	play 15	v 5,	pecification 1994, pages 1-65.						
	LP	1	AR	1- 19	COLP	_									•
	<i>C</i> .	1		1. 1								_	an for	Appln.	No.
1				++					1991	ued 00	ctober	1, 20	02 101		
				1 1		_	TOTOTR	atio	nal Search Report issu pages						
	. 1		1	1	COPY	y or /us0	Intern 2/03989	, в	pages.						
	1 1		AS	=											
	<b>レ</b> 、		1	1	1_				To Acquire ID Tech, 43, No. 2183, Septem			ndav	s Elec	tronic	News, Galii
			+	7	1				ID Tech,	ID Mi	cro," <sup>1</sup> 1997.	pag	e 16.		
			1		1	de	W., "Mi	cron	To Acquire 3, Septem	mber r					
	)	V	AT	1	1 20							m	· CONSI	DEKED	112110
	L	• •	1	1	- 1							-			
			سل				III	M	ed, whether or not ci		- ie in	con	formanc	e with	with next
<b>■</b>	EXAMI	NER'		_AF	1	10	11/		whether or not ci	tatio	nclude	сору	of th	.5 .0	
	EARIT			-7 17	ref	erer	ce cons	ider	ance and not considere						
		YER:	Ini'	tial II itation	if	not	in CONI								1
		JI.	Roits	to APP	lican	<u></u>									
			`_DC1.1	01535.1											
			``												



FEB 2 x 2003

Page 2 of

		<del></del>		<del></del>	Tool	100		Page. 2 Of 8	
		ORM PTO-TABLE	FIG.	ATTY. DO 1689.021	CKERCHIOOOGY Cer	APPLI	CATION NO	•	
•	F	ORM PTO 144		APPLICAL	ATTY. DOCKED CHINO OGY Center APPLICATION NO. 1689.0210001 APPLICATION NO. APPLICANT				
INFO	RMATION	DISCLOSURE STA	TEMENT		Shanks et al.				
					FILING DATE GROUP February 12, 2002 2632				
			υ.	S. PATENT DO		1-3-4-)	<del></del>		
EXAMINER						<u> </u>			
INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB- CLASS	FILING DATE	
110	AA2	4,862,160	08/1989	Ekchian e	t al.	<del>                                     </del>	CEASS		
	AB2	4,931,788	06/1990	Creswick			· · · · · ·		
	AC2	5,124,699	06/1992	Tervoert	et al.				
	AD2	5,214,409	05/1993	Beigel	·				
	AE2	5,245,534	09/1993	Waterhous	e et al.				
	AF2	5,266,925	11/1993	Vercellot	ti et al.				
	AG2	5,289,372	02/1994	Guthrie e	t al.	<u></u> .	/		
	AH2	5,313,052	05/1994	Watanabe	et al.			<u> </u>	
	AI2	5,339,073	08/1994	Dodd et a	1.	/-		;	
	AJ2	5,356,516	10/1994	Ashby et	al.	/		<u> </u>	
V	AK2	5,365,551	11/1994	Snodgrass	et al.		<u> </u>		
·			FORE	IGN PATENT D	CUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBE	R DATE	COUNTRY		CLASS	SUB- CLASS	TRANSLATION	
LP	AL2 V	EP 0 598 624	05/199	4 Europe		G01S	13/02	Yes No	
-1	AM2	EP 0 615 285	09/199	4 Europe		HO1L	21/60	Yes No	
	7.1.2	20 0 013 203	1 37 133	- Lui ope	· · · · · · · · · · · · · · · · · · ·			Yes	
	AN2	EP 0 702 323 A	2 03/199	6 Europe		G06K	17/00	No	
	A02 V	EP 0 702 324 A	2 03/199	6 Europe		G06K	17/00	Yes No	
	AP2 V	WO 93/05485	03/199	3 PCT		G07G	1/12	Yes No	
	•	OTHER (Incl			e, Pertinent Page	s, etc.)			
	T	i i			<del></del>				
						_			
	AR	2				·			
		_					•		
	AS	2							
					······································				
		[							
	AT	2							
·			•		<del></del>				
EXAMINER	Lar	n Phan			[	DATE CONSI	DERED 7	21105	
EXAMINER: I	nitial	if reference co	nsidered, w	hether or not	citation is in c	onformanc	e with MP	EP 09. Draw	
line through	citati	on if not in co	nformance a	ind not consid	dered. Include co	py of thi	s form wi	th next	
communicatio	n to Ap	pilcant.							



# RECEIVED FEB 2 × 2003 Technology Centerpartion No.

	Рa	_	_	3	_	£	c
_	Pa	9	e	3	О	I	¢

	<del></del>
	ENEW & TEKOCHE
FORM PT	
INFORMATION DISC	LOSURE STATEMENT

ATTY. DOCKET NO. 1689.0210001

APPLICANT Shanks et al.

		DISCLOSURE SI		FILING DATE February 12, 2002		ROUP 263	
			v.s.	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS	S SUB- CLASS	FILING DATE
LY	AA3	5,390,360	02/1995	Scop et al.	_1\_		
· · · · · · · · · · · · · · · · · · ·	AB3	5,410,315	04/1995	Huber	$\perp$		
	AC3	5,420,577	05/1995	Kim et al.	$\bot$		
	AD3	5,430,441	07/1995	Bickley et al.			<u> </u>
	AE3	5,434,572	07/1995	Smith			
	AF3	5,434,775	07/1995	Sims et al.			
	AG3	5,444,223	08/1995	Blama			
	АН3	5,446,447	08/1995	Carney et al.			<u> </u>
	AI3	5,469,142	11/1995	Bergman et al.			
	AJ3	5,478,991	12/1995	Watanabe et al.			
	AK3	5,479,416	12/1995	Snodgrass et al.			
	•		FOREIG	N PATENT DOCUMENTS			<b>\</b>
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLAS	S SUB- CLASS	TRANSLATION
LP	AL3	WQ 99/26462	06/1999	PCT	_	_	Yes No
18	AM3	WO 00/26993	05/2000	PCT	но10	21/20	Yes No
	AN3						Yes
	A03				_		Yes No
	AP3						Yes No
		OTHER (Inc.	luding Author,	Title, Date, Pertinent Pa	ages, et	tc.)	
	AR	3			B-F1		
	AS	3			-		
	AT	3					
EXAMINER	Lo	in Pha	m		DATE	CONSIDERED	121/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. line through citation if not in conformance and not considered. Include copy of this form with next Draw communication to Applicant.

FEB 2 x 2003

	•		(	FEB 2 6 20	)CI 🚉				Page 4 of 8		
				CHARAMA OT	- C	ATTY. DOCK CON 10/072,885					
	TNEO			CLOSURE STA		APPLICANT Shanks et al.					
	INFO	RPATIO	<u>, 513</u>	CHOSOKE STA	TENTENT .	FILING DATE GROUP February 12, 2002 2632					
					U.S.	PATENT DOCUMENTS					
EXAMI	NER		Ţ					-1			
INITI	AL		DOC!	UMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE		
	<u> </u>	AA4	5,4	89,908	02/1996	Orthmann et al.					
	1	AB4	5,4	99,017	03/1996	Beigel					
	<u> </u>	AC4	5,5	00,650	03/1996	Snodgrass et al.					
		AD4	5,5	15,053	05/1996	Hecht et al.	_		/		
	<u> </u>	AE4	5,5	19,381	05/1996	Marsh et al.					
		AF4	5,5	28,222	06/1996	Moskowitz et al.			<u> </u>		
		AG4	5,5	28,232	06/1996	Verma et al.		/			
		AH4	5,5	37,105	07/1996	Marsh et al.		X			
		AI4	5,5	39,394	07/1996	Cato et al.					
		AJ4	5,5	39,775	07/1996	Tuttle et al.					
h		AK4	1	41,928	07/1996	Kobayashi et al.	7				
					<del></del>	N PATENT DOCUMENTS					
EXAMI INITI			DOCI	UMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
	•	AL4							Yes No		
•		AM4							es Y OM		
		AN4							Yes No		
		A04				•			Yes No		
		AP4							Yes No		
				OTHER (Inc.)	uding Author,	Title, Date, Pertinent Pa	ges, etc.	)			
		AR	4								
	:	AS	4								
		ΑT	4								
EXAMI	NER	La	m	Phan	1		DATE COM	SIDERED 7	21/05		
EXAMI line commu	NER: I through	nitial citati	if r	eference co	nsidered, whet	ther or not citation is in not considered. Include	conformations copy of t	nce with Mi his form w	PEP 609. Draw ith next		

FEB 2 x 2003 Page 5 of 8 ATTY. DOCKET NO BCHINOLOGY CENTER 1260 DON NO. 10/072,885 1689.0210001 FORM PTO-1449 APPLICANT Shanks et al. INFORMATION DISCLOSURE STATEMENT FILING DATE GROUP February 12, 2632 U.S. PATENT DOCUMENTS EXAMINER FILING DATE INITIAL DOCUMENT DATE NAME CLASS SUB-NUMBER CLASS AA5 5,550,547 08/1996 Chan et al. Marsh et al. AB5 5,557,280 09/1996 Marsh et al. AC5 5,566,441 10/1996 Tompkins et al. 5,576,692 11/1996 AD5 AE5 5,583,819 12/1996 Roesner et al. AF5 5,583,850 12/1996 Snodgrass et al. AG5 5,591,951 01/1997 Doty AH5 5,602,538 02/1997 Orthmann et al. 05/1997 AI5 5,627,517 Theimer et al. 05/1997 AJ5 5,627,544 Snodgrass et al. AK5 06/1997 5,640,151 Reis et al. POREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-TRANSLATION NUMBER CLASS Yes AL5 No Yes AM5 No Yes AN5 No Yes A05 No Yes AP5 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR <u>5</u>

AS <u>5</u> AΤ 5

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

# FEB 2 6 2003 35

#### RECEIVED

FEB 2 x 2003

Page 6 of 8

			<del></del>	~ _	- <del> </del>		ᄶᅑᅘᄶᄬᄀᄰᆔᄼᆔ				
FORM BEEN STREET						ATTY. DOCKETENBROIOGY CENTE 2000 CATTON NO. 1689.0210001					
	••	_	URM F	710-1449		APPLICANT Shanks et al.					
	INFO	RMATION	DIS	CLOSURE STA	TEMENT	FILING DATE GROUP					
		<del></del>				February 12, 2002 2632					
			•		v.s.	PATENT DOCUMENTS					
EXAM INIT			DOCU	JMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE		
7	7	AA6		46,607	07/1997	Schürmann et al.					
		AB6		18,765	07/1997	Cresap et al.					
	1	AC6	5,64	18,767	07/1997	O'Connor et al.					
		AD6		73,037	09/1997	Cesar et al.					
		AE6	5,6	30,459	10/1997	Hook et al.					
		AF6	5,68	36,888	11/1997	Welles, II et al.					
		AG6	5,68	36,902	11/1997	Reis et al.					
		AH6	5,68	39,239	11/1997	Turner et al.					
		AI6	5,74	12,618	04/1998	Lowe					
	/	AJ6	5,7	74,876	06/1998	Woolley et al.					
	/	AK6	5,79	98,693	08/1998	Engellenner					
		<del>*</del>			FOREIG	N PATENT DOCUMENTS	<i>y</i>				
EXAMINER EXAMINER											
INIT	IAL		DOCU NUMI	JMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
	•	AL6					ļ		Yes No		
•	•	AM6			_				Yes No		
		AN6							Yes No		
		A06							Yes No		
		AP6							Yes No		
		1000	<u>'                                    </u>	OTHER (Incl	uding Author.	Title, Date, Pertinent Pag	es. etc.)				
		AR	<u>6</u>	,							
L									-		
		AS	<u>6</u>								
		AT	<u>6</u>								
EXAM:	INER	am	Y	han			DATE CONSI	DERED 7/2	21/03		
line	INER: Intrough	citati	on i	f not in co	nsidered, whet nformance and	her or not citation is in not considered. Include c	conformanc	e with MP	EP 609. Draw th next		



6,058,374

6,354,493 B1

6,388,569 Bl

AJ7

AK7

05/2000

03/2002

05/2002

		F	FEB 2	6 20E3	ATTY: Docke: 1689.021000	FEB 2 × 2003 Patagy Center 26	APPL 0010/0	ICATION NO	Page 7 of 8
	INFO		DISCLOSURE ST		Shanks et a FILING DATE February 12	1.	GROU 2632	<del></del>	
EXAMINE INITIAL			DOCUMENT NUMBER	DATE	NAME		LASS	SUB- CLASS	FILING DATE
17		AA7	5,856,788	01/1999	Walter et al.		_		
		AB7	5,887,176	03/1999	Griffith et a	1.			
		AC7	5,917,422	06/1999	Adamec et al.				
		AD7	5,959,568	09/1999	Woolley				<i>X</i>
		AE7	5,963,133	10/1999	Monjo				<u> </u>
		AF7	6,002,344	12/1999	Bandy et al.				
	· <u>·</u>	AG7	6,025,780	02/2000	Bowers et al.				
		AH7	6,057,756	05/2000	Engellenner			1	

FOREIGN PATENT DOCUMENTS EXAMINER DATE CLASS SUB-TRANSLATION COUNTRY INITIAL DOCUMENT NUMBER CLASS Yes No Yes AM7 No Yes AN7 No Yes A07 No Yes AP7

Guthrie et al.

Engellenner

Mon

OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR <u>7</u> AS 7 AT 7

EXAMINER

DATE CONSIDERED 7

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FEB 2 R 2003

Page 8 of

	·	10	<u>.\$/</u>	ATTY DOCTEONOLOGY CO.	nd a w O Si B To T	CATTON NO	Page 8 or 8		
		ORM PTO-14-IRAD	MARIL	ATTY. DOCK ECONOLOGY Center 260 172,885					
	F	ORM PTO-1440		APPLICANT					
INFO	RMATIO	N DISCLOSURE STA	TEMENT	Shanks et al.					
				FILING DATE GROUP 2632 2632					
			U.S.	PATENT DOCUMENTS			1 1/2 2 <b>1 1</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
EXAMINER							, 8.4		
INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE		
JP	AA8	5,030,807	07/1991	Landt et al.	·				
:	AB8	5,912,632	06/1999	Dieska et al.					
	AC8	6,097,347	08/2000	Duan et al.					
	AD8	6,215,401 B1	04/2001	Brady et al.					
	AE8	6,271,793 B1	08/2001	Brady et al.					
1	AF8	6,286,762 B1	09/2001	Reynolds et al.			· · · · · · · · · · · · · · · · · · ·		
V	AG8					,			
	8НА								
	8IA			·					
	AJ8								
	AK8								
			FOREIG	N PATENT DOCUMENTS					
EXAMINER			•						
INITIAL	<u> </u>	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
•	AL8						Yes No		
y	AM8						Yes No		
							Yes		
	AN8						No Yes		
	80A	, , , , , , , , , , , , , , , , , , , ,					No		
	AP8						Yes No		
		OTHER (Inc.)	uding Author,	Title, Date, Pertinent Page	s, etc.)				
				÷					
	AR	8							
	,,								
	AS	8					·		
	<del></del>					· · · · · · · · · · · · · · · · · · ·			
	AT	<u>8</u>	•						
EXAMINER	Lan	Phan		r	DATE CONSI	DERED 7/	21/03		
EXAMINER: I	nitial	if reference co	nsidered, whet	ther or not citation is in c	onformanc	e with MPE	P 609. Draw		
line through	citati	on if not in co	nformance and	not considered. Include co	py of thi	s form wit	h next		
communication	n to Ap	plicant.							

. .